



SEQUENCE LISTING

<110> Tobin, Elaine
Tobin, Elaine M
Sugano, Shoji

<120> Regulation of Circadian Rhythm and Flowering

<130> 13054.0200/UC99-253-2

<140> 09/359,026

<141> 1999-07-22

<150> 60/094,072

<151> 1998-07-24

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 1090

<212> DNA

<213> Arabidopsis thaliana

<400> 1

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tggagatcag agatctctgg tggagctatt gatcggaac gaatcaacga tgcactcaat 24
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agaaactag agaaatcttc aacttcacc accacatcta gggttttctc ttctaaagac 30
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aaagatctct tttccttcac atctactaaa actcagcttc ctgatgtgga atcggaact 36
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 <213> Arabidopsis thaliana

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35 40 45

Phe Ser Ser Lys Asp Lys Asp Pro Phe Ser Phe Thr Ser Thr Lys Thr
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Gln Leu Pro Asp Val Glu Ser Glu Thr Asp Ser Glu Gly Ser Asp Val
65 70 75 80

Ser Gly Ser Glu Gly Asp Asp Thr Ser Trp Ile Ser Trp Phe Cys Asn
85 90 95

Leu Arg Gly Asn Asp Phe Phe Cys Glu Val Asp Glu Asp Tyr Ile Gln
100 105 110

Asp Asp Phe Asn Leu Cys Gly Leu Ser Gly Gln Val Pro Tyr Tyr Asp
115 120 125

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130 135 140

Phe Thr Asp Glu Gln His Glu Met Val Glu Ser Ala Ala Glu Met Leu
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Tyr Gly Leu Ile His Val Arg Tyr Ile Leu Thr Thr Lys Gly Met Ala
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Ala Met Thr Glu Lys Tyr Lys Asn Cys Asp Phe Gly Arg Cys Pro Arg
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Val Phe Cys Cys Gly Gln Ser Cys Leu Pro Val Gly Gln Ser Asp Ile
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Pro Arg Ser Ser Thr Val Lys Ile Tyr Cys Pro Lys Cys Glu Asp Ile
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Ser Tyr Pro Arg Ser Lys Phe Gln Gly Asn Ile Asp Gly Ala Tyr Phe
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Gly Thr Thr Phe Pro His Leu Phe Leu Met Thr Tyr Gly Asn Leu Lys
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Val His Lys Pro
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<223> X = any amino acid

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<223> X = any amino acid

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<213> Specific peptide substrate

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